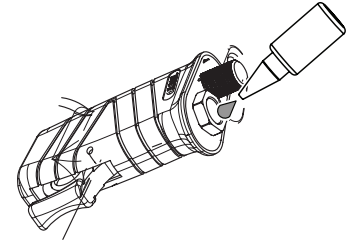


Maintenance

Ensure the air line is shut-off and drained of air before removing this tool for service. This will prevent the tool from operating if the throttle is accidentally engaged.



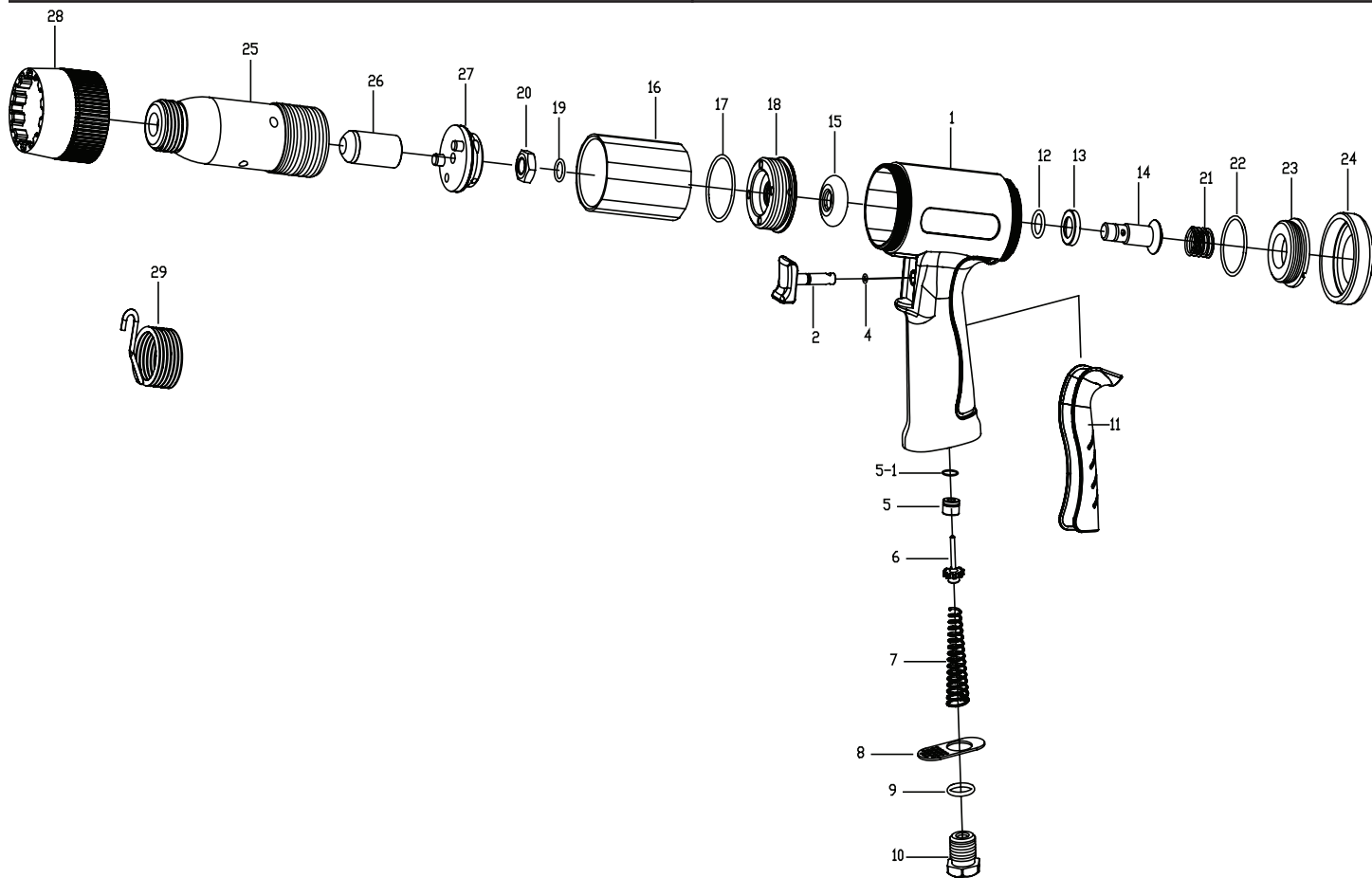
LUBRICATION

- An in-line filter-regulator-lubricator is recommended as it increases tool life and keeps the tool in sustained operation.
- Regularly check and fill the in-line lubricator with air tool oil. Avoid using excessive amounts of oil.
- Adjust the in-line lubricator by placing a sheet of paper next to the tool's exhaust ports and holding the throttle open approximately 30 seconds. The lubricator is properly set when a light stain of oil collects on the paper.
- If it is necessary to store the tool for an extended period of time (overnight, weekend, etc.), generously lubricate the tool through the air inlet. Run the tool for approximately 30 seconds to ensure the oil is evenly distributed throughout the tool. Store the tool in a clean and dry environment.
- Recommended lubricants: Air tool oil or any other high grade turbine oil containing moisture absorbent, rust inhibitors, metal wetting agents, and an EP (extreme pressure) additive.

Troubleshooting

Problem	Possible Cause	Solution
The tool runs slowly or will not operate.	There is grit or gum in the tool.	Flush the tool with air tool oil or gum solvent.
	The tool is out of oil.	Lubricate the tool according to the lubrication instructions in this manual.
	The air pressure is low.	<ul style="list-style-type: none"> □ Adjust the regulator on the tool to the maximum setting. □ Adjust the compressor regulator to the tool's maximum setting of 90 psi.
	The air hose leaks.	Tighten and seal the hose fittings with pipe thread tape if leaks are found.
	The air pressure drops.	<ul style="list-style-type: none"> □ Ensure the hose is the proper size. Long hoses or tools using large volumes of air may require a hose with an I.D. of 1/2" or larger depending on the total length of the hose. □ Do not use a multiple number of hoses connected together with a quick connect fitting. This causes additional pressure drops and reduces the tool power. Directly connect the hoses together.
	The piston is worn or damaged.	Replace the piston.
	The valve assembly is worn.	Replace the valve assembly.
There is moisture blowing out of the tool's exhaust.	There is water in the tank.	Drain the tank. (See the air compressor manual for instructions.) Lubricate the tool and run it until water is not evident. Lubricate the tool again and run for 1-2 seconds.

Service Parts



Reference Number	Part Number	Description
1	9393101B	Handle
2	9293611F	Valve Button
4	90R0407	O-Ring
5	9293222	Valve Seat
5-1	90R1316	O-Ring
6	9293203	Actuating Valve Ass'y
7	9293204	Spring
8	9442207	Diffusion Plate
9	90R1621	O-Ring
10	9280211	Air Inlet Bushing (18T)
11	9393102F	Handle Sleeve
12	90R1217	O-Ring
13	9193429	Valve Seat
14	9193418-A	Air Inlet Tube
15	9193426	Bumper

Reference Number	Part Number	Description
16	9193415	Inner Housing
17	90R3741	O-Ring
18	9193416	Head-Inner Housing
19	90R1014	O-Ring
20	9HN010125	Nylon Lock Nut
21	9315608	Spring
22	90R3034	O-Ring
23	9293104	End Cap
24	9293103	Rubber Cap
25	9193401	Cylinder
26	9193402	Piston
27	9193300	Valve Ass'y
28	9193413	Exhaust Deflector
29	M99368	Retainer Spring